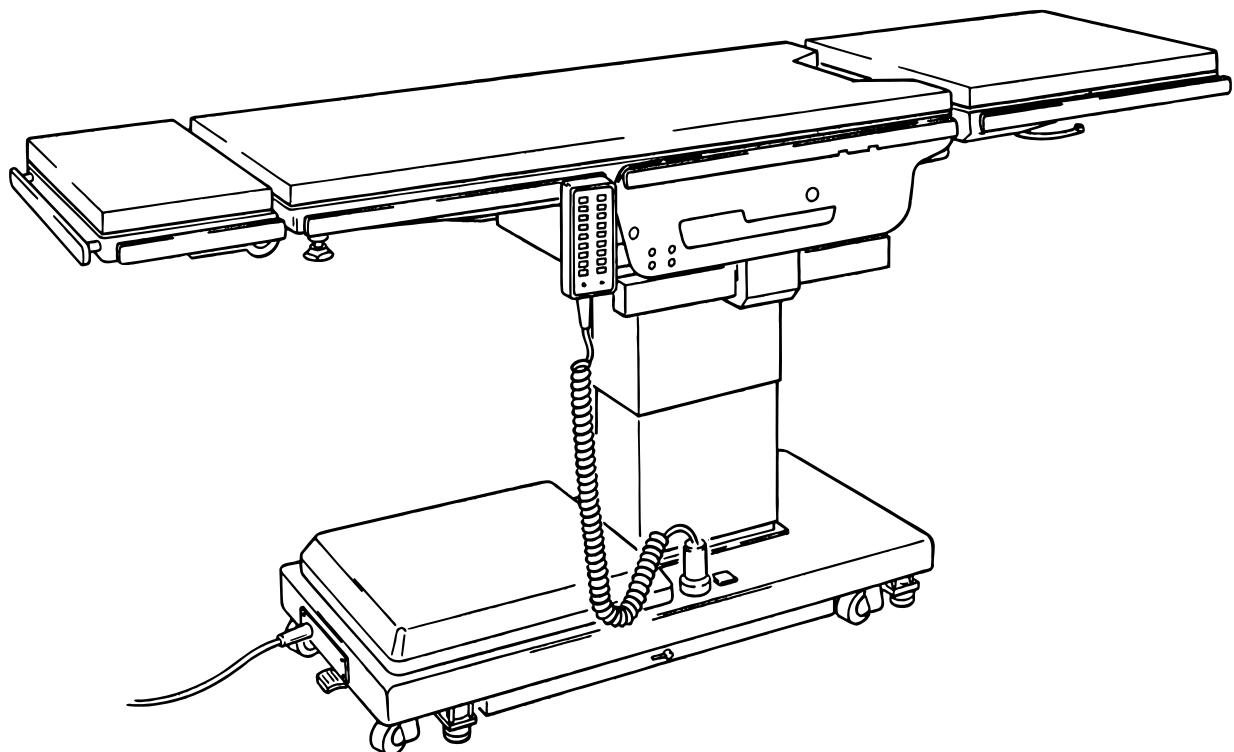


ELITE SERIES SURGICAL TABLES
PARTS CATALOG



MODEL ELITE 3500

INTRODUCTION

This manual contains the exploded views and replacement parts lists for the serviceable components of the SKYTRON Model 3500 Surgical Table.

Each serviceable part in these exploded views is identified by a reference number. Use this number to locate necessary part information in the parts list adjacent to the exploded view.

Always use the complete SKYTRON part number and description when ordering replacement parts.

Always use the complete table serial number (S.N.) when ordering replacement parts.

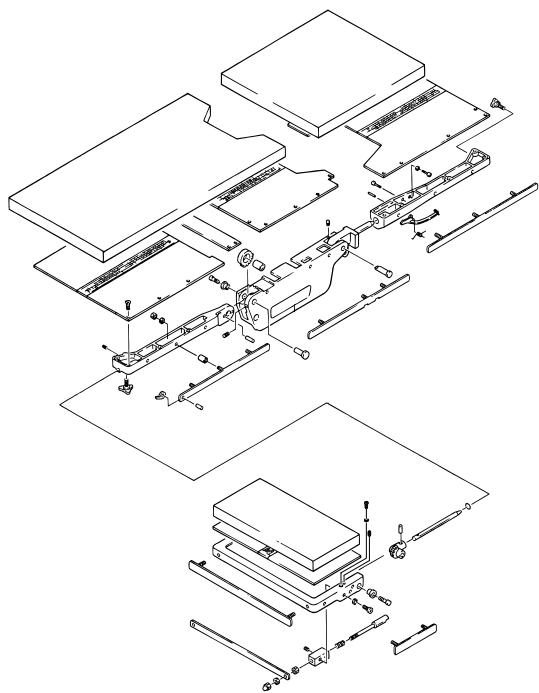
Abbreviations

As Required	A/R
Optional	opt
Serial Number	S.N.
Serial Number and Prior	& P
Serial Number and Later	& L

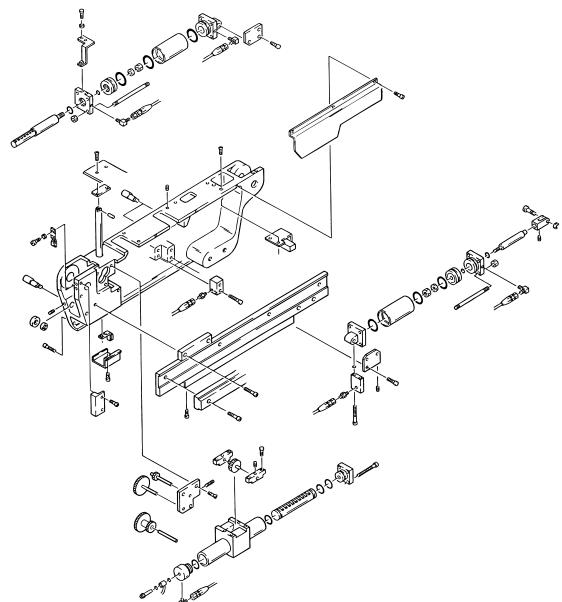
Although current at the time of publication, SKYTRON's policy of continuous development makes this manual subject to change without notice.

REV 7/03

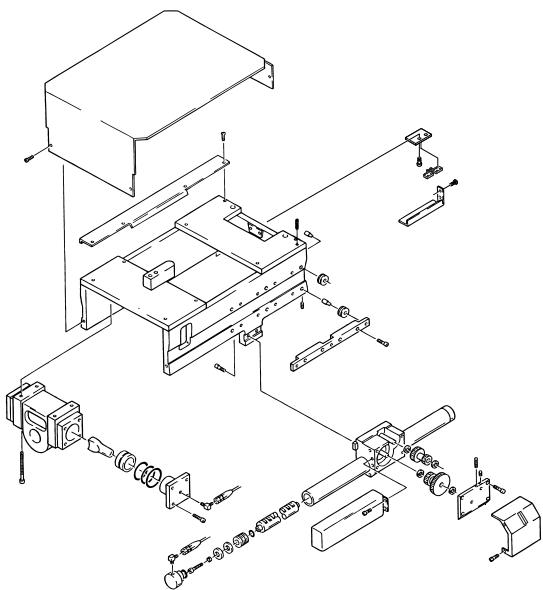
1. Top & Side Frame Assemblies Page 2



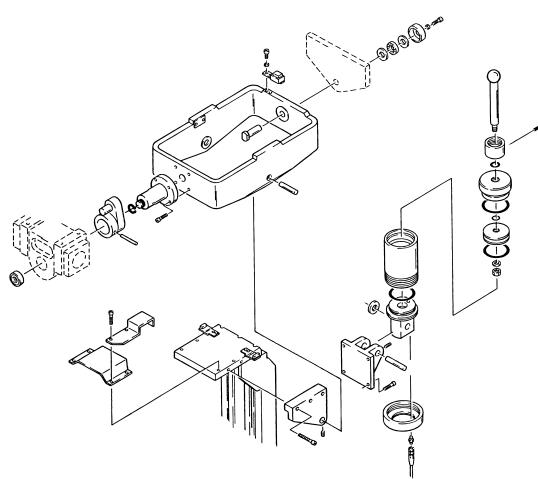
2. Side Frame & Hydraulic Cylinders Page 6



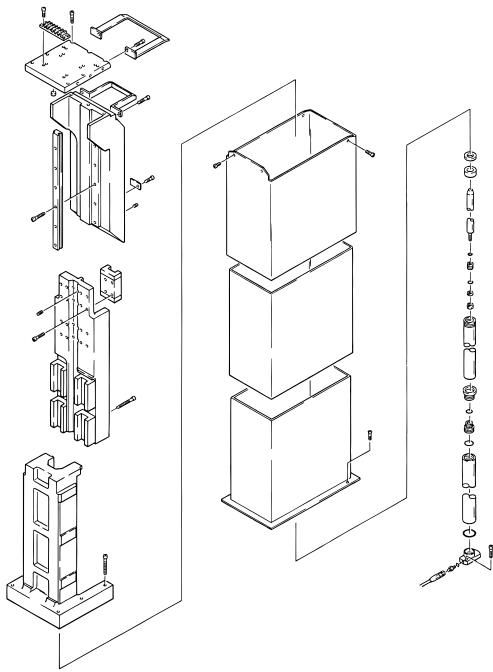
3. Slide & Lateral Tilt Cylinder Assemblies Page 12



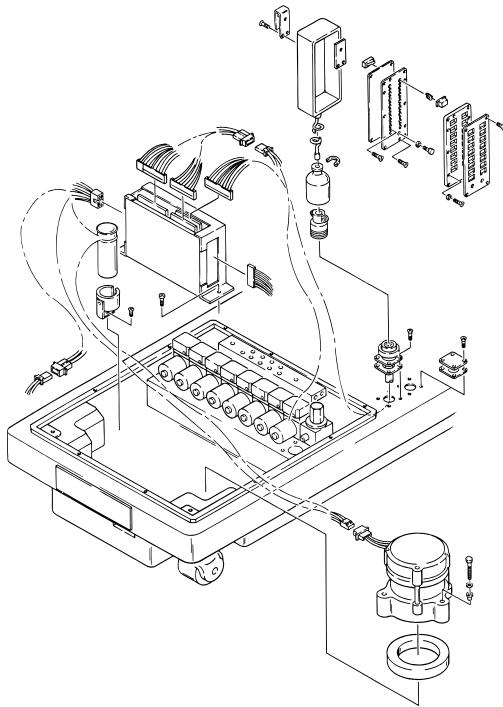
4. Lateral Tilt Frame & Trendelenburg Cylinder Assembly .. Page 14



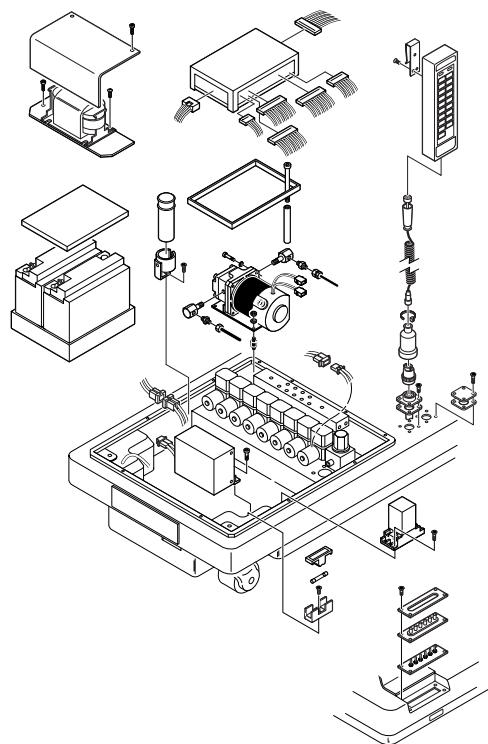
5. Trendelenburg & Lateral Tilt Cylinders Page 16



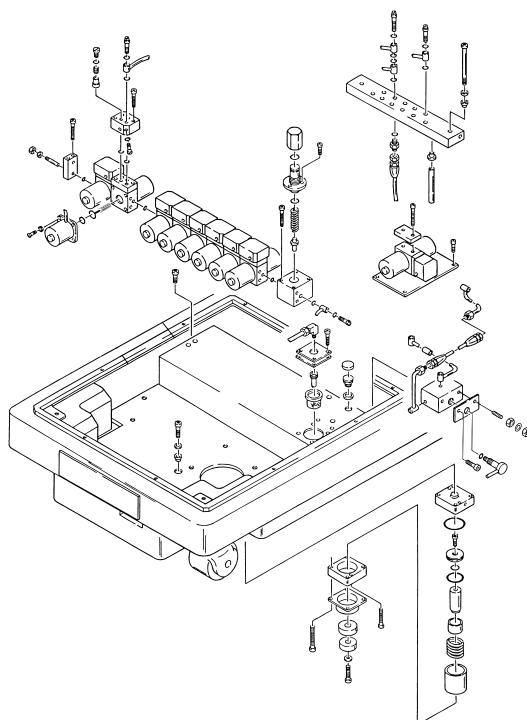
6. Support Column Assembly Page 18



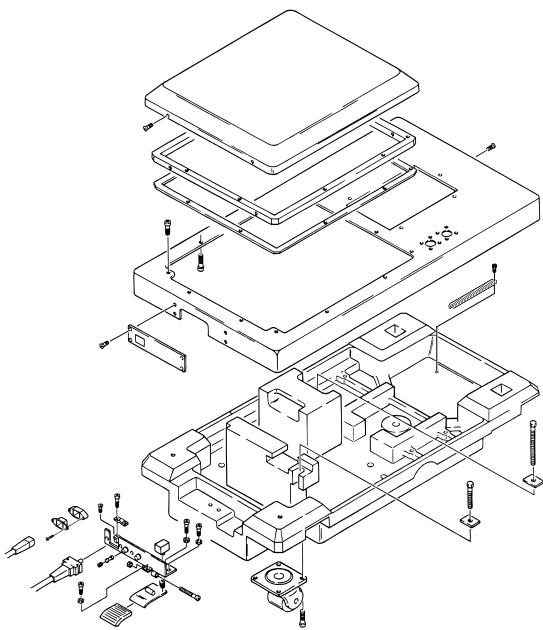
7. Electrical Components Page 20



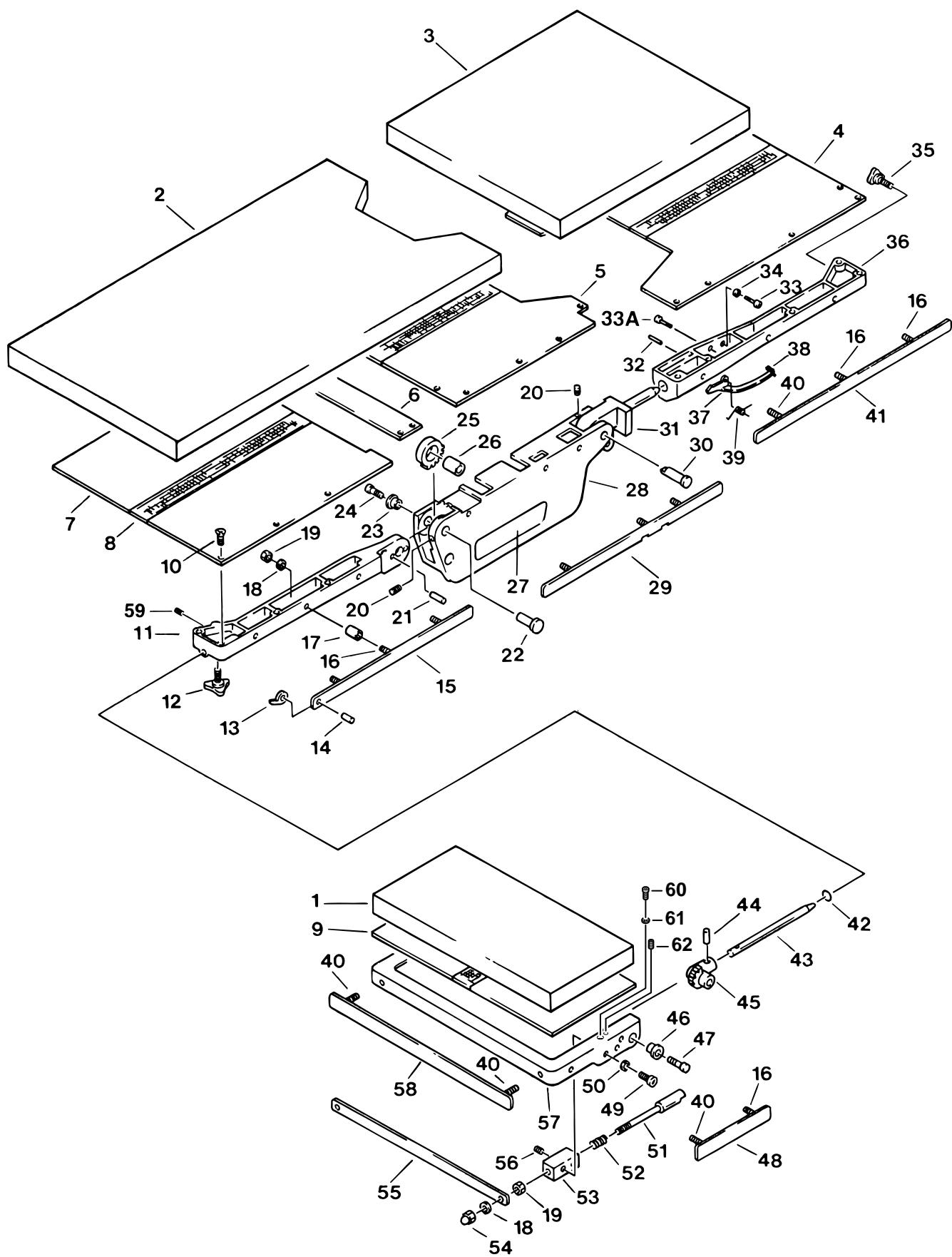
8. Electrical Components, Battery Model Page 24



9. Hydraulic Valves & Fittings Page 28



1. TOP & SIDE FRAME ASSEMBLIES

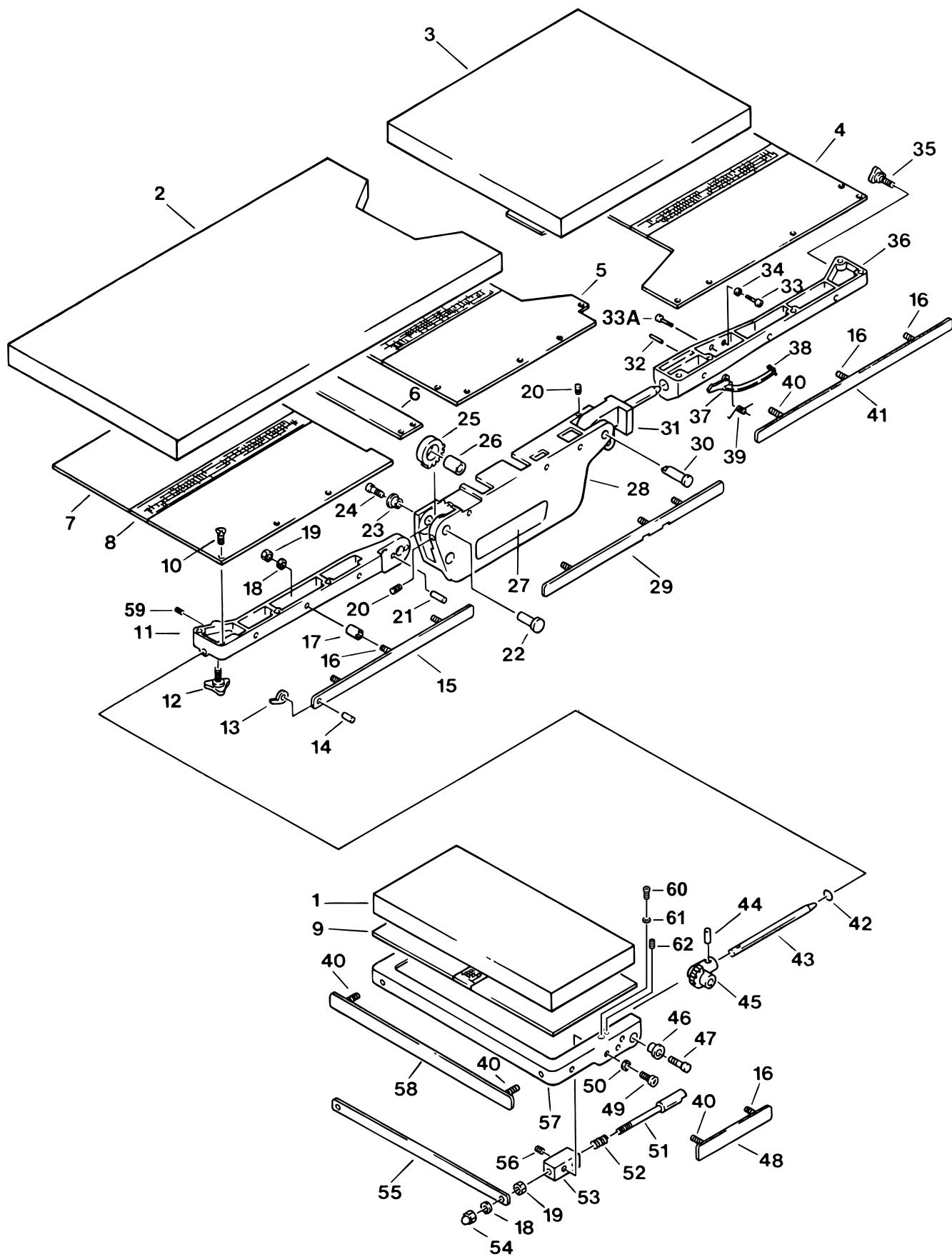


1. TOP & SIDE FRAME ASSEMBLIES

Page 3

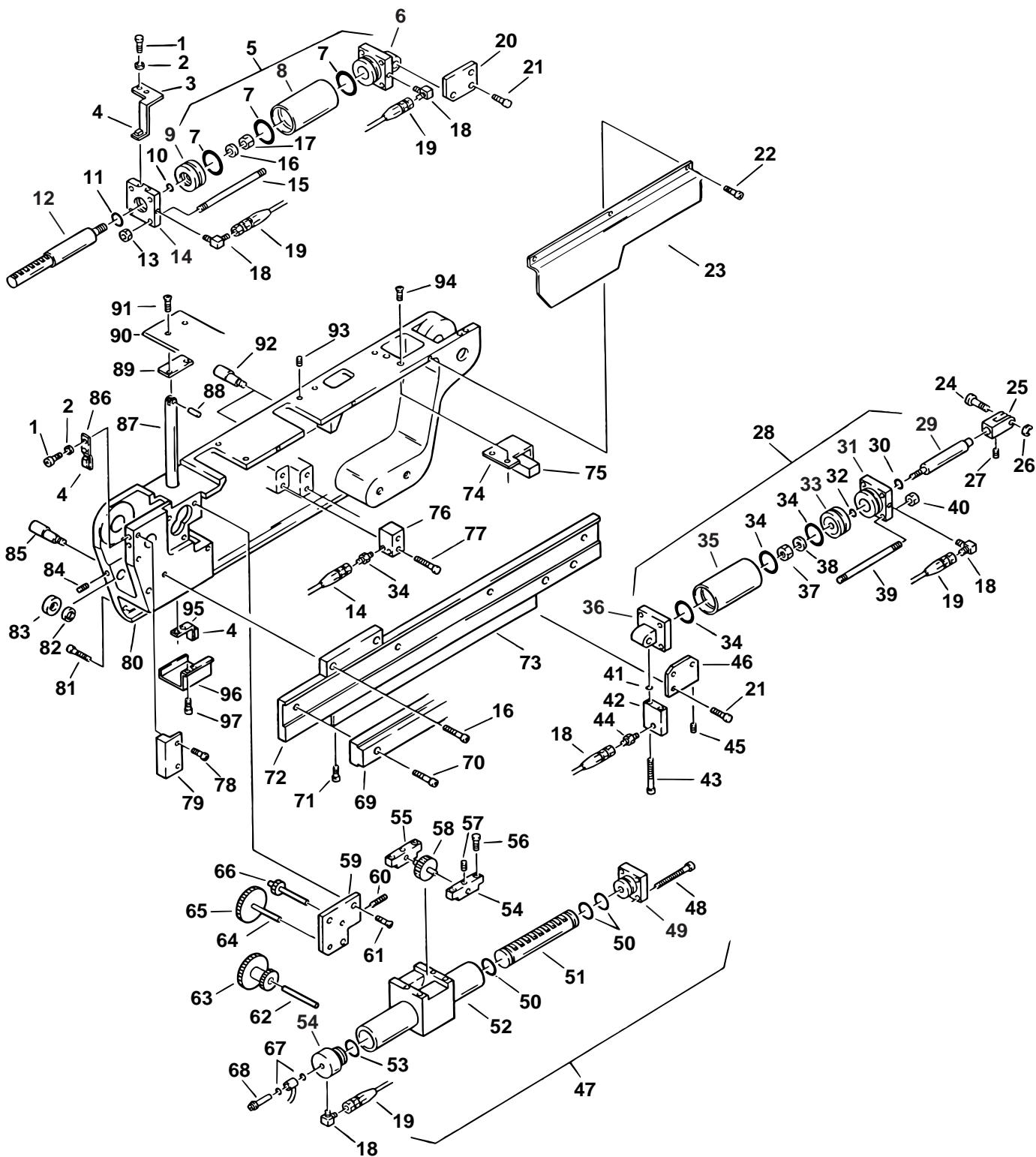
Item	Part No.	Description	Qty.
	1-010-24-P	PAD SET	opt
1	1-010-06-1P	PAD, head section	opt
2	1-010-24-8P	PAD, back/seat section	opt
3	1-010-06-7P	PAD, foot/leg section	opt
4	D3-032-01	TOP, foot/leg section	1
5	D3-035-37	TOP, seat section, S.N.3500-1995- -067 & L	1
	D3-035-02	TOP, seat section, S.N.3500-1995- -066 & P	1
6	D3-035-01	TOP, seat section	1
7	D3-035-38	TOP, back section	1
8	D3-010-18-H	VELCRO, hook	A/R
9	D3-032-04	TOP, head section	1
10	D3-010-19	SCREW, phillips head	29
11	D3-035-39-1	FRAME, back section, right	1
	D3-035-40-1	FRAME, back section, left	1
12	D3-010-17	KNOB, retaining	2
13	D3-010-43	STOP, rail, large	6
14	D3-010-41	PIN, rail stop	6
15	D3-032-11	SIDE RAIL, back section, right	1
	D3-032-12	SIDE RAIL, back section, left	1
16	D3-032-34	STUD, side rail mount, M8x45	18
17	D3-010-01	COLLAR, side rail	24
18	D6-010-09-1	WASHER, lock, M8	A/R
19	D6-010-13-1	NUT, M8 (plated)	26
	D6-032-34	NUT, w/lockwasher	A/R
20	D6-010-50	SCREW, set, M6x15	4
21	D6-032-30	PIN, spur gear	4
22	D3-035-03	AXIS, back section	2
23	D3-035-34	CAP, back section axis	2
24	D6-032-28	BOLT, allen	2
25	D3-035-41	GEAR, spur, back section	2
26	D3-032-21	BUSHING, back section	2
27	D3-035-06	NAMEPLATE, label, 3500 (set)	1
	D6-035-22	NAMEPLATE, label, 3500B (set)	1
28	D3-035-07	FRAME, side, right	1
	D3-035-08	FRAME, side, left	1
29	D3-035-04	RAIL, side, seat section, right	1
	D3-035-05	RAIL, side, seat section, left	1
30	D3-032-18	AXIS, foot/leg section	2
31	D3-032-46	LEVER, axis, foot/leg section, right	1
	D3-032-45	LEVER, axis, foot/leg section, left	1
32	D6-032-37	PIN, roll, M4x30	2
33	D6-010-83	BOLT, allen, M5x30	4
33A	D6-010-65-1	BOLT, allen, M5x35	4
34	D6-010-76	NUT, M5	2
35	D6-031-01	KNOB, locking	2
36	D3-032-47	FRAME, foot/leg section, right	1
	D3-032-48	FRAME, foot/leg section, left	1
37	D3-032-74	LEVER ASSEMBLY, foot/leg section release, left	1
	D3-032-75	LEVER ASSEMBLY, foot/leg section release, right	1
38	D3-032-76	•STOP, rubber	1
	D3-032-77	•HINGE	1

1. TOP & SIDE FRAME ASSEMBLIES (continued)



Item	Part No.	Description	Qty.
39	D3-032-51	SPRING	2
40	D3-032-35	STUD, side rail mount, M8x40	6
41	D3-032-15	RAIL, side, foot/leg section, right	1
	D3-032-16	RAIL, side, foot/leg section, left	1
42	D4-010-14	O-RING, P-12	2
43	D3-010-31-1	SHAFT, extension, head section	2
44	D6-050-33	PIN, roll, M5x20	2
45	D3-032-80	GEAR/TRUNNION, right	1
	D3-032-81	GEAR/TRUNNION, left	1
46	D3-032-82	AXIS, head section	2
47	D6-010-53-1	BOLT, allen, M8x20	2
48	D3-032-10	RAIL, side, head section	2
49	D6-010-38	BOLT, allen, M6x15	4
50	D6-010-40	WASHER, lock, M6	4
51	D3-010-27	PLUNGER, release	2
52	D3-010-26	SPRING, release	2
53	D3-032-40	BLOCK, bearing	2
54	D6-010-08	ACORN NUT	2
55	D3-010-24	RELEASE BAR, head section	1
56	D6-010-11	SCREW, set, M5x8 (plated)	2
57	D3-032-05	FRAME, head section	1
58	D3-032-33	RAIL, accessory	1
59	D6-060-38	SCREW, set, M5x10	2
60	D6-010-38-1	BOLT, allen, M6x15 (plated)	2
61	D6-010-40-1	WASHER, lock, M6 (plated)	2
62	D6-010-41-1	SCREW, set, M8x15 (plated)	2
	D3-035-43	FOOT/LEG SECTION ASSEMBLY	A/R

2. SIDE FRAME & HYDRAULIC CYLINDERS

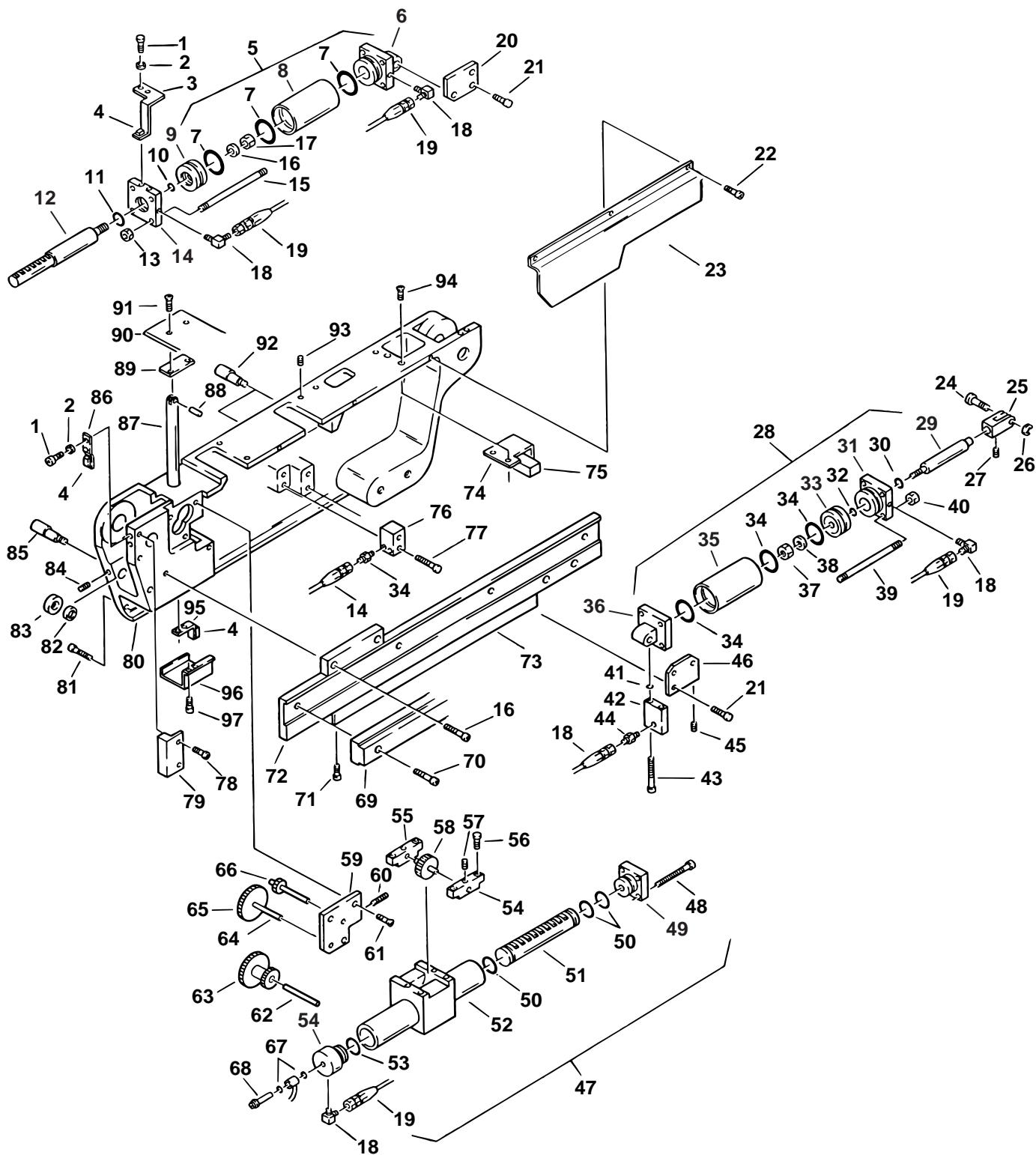


2. SIDE FRAME & HYDRAULIC CYLINDERS

Page 7

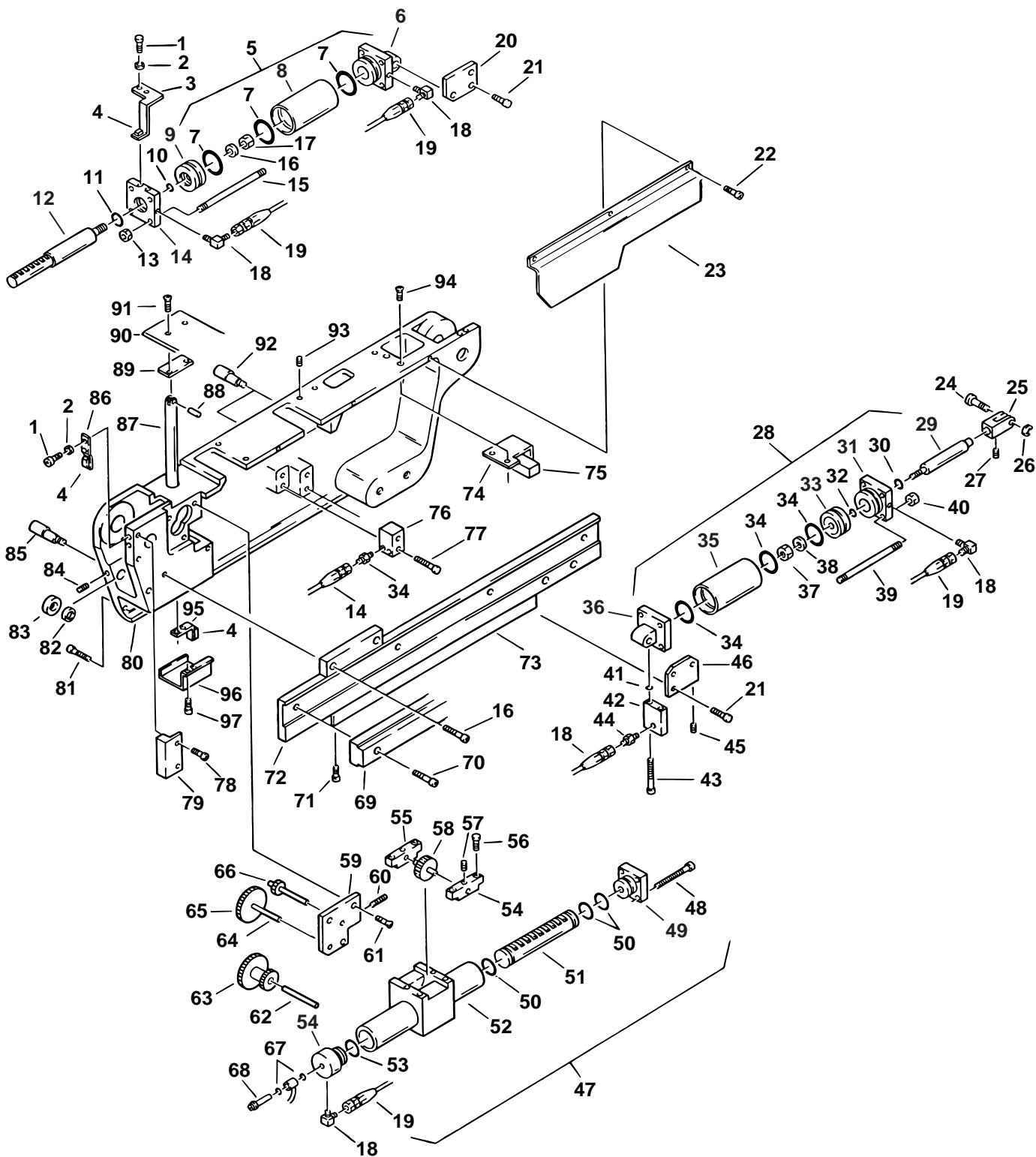
Item	Part No.	Description	Qty.
1	D6-060-07	BOLT, allen, M4x8 (plated)	6
2	D6-060-16	WASHER, lock, M4	6
3	D3-035-09	BRACKET, micro-switch mounting, left	1
	D3-035-10	BRACKET, micro-switch mounting, right.....	1
4	D5-032-15	MICRO-SWITCH	4
5	D4-035-04-1	CYLINDER ASSEMBLY, back section, left	1
	D4-035-04-2	CYLINDER ASSEMBLY, back section, right	1
6	----	•TAIL CAP *	1
7	D4-010-54	•O-RING, P-34	3
8	----	•CYLINDER *	1
9	----	•PISTON *	1
10	D4-010-02	•O-RING, P-14	1
11	D4-032-44	•O-RING, P-22A	1
12	----	•RAM *	1
13	D6-010-55	•NUT, M8	4
14	----	•HEAD CAP *	1
15	D4-035-05	•STUD	4
16	D4-010-42	•WASHER, lock, M10	1
17	D6-010-43	•NUT, M10	1
18	D4-010-29	FITTING, hydraulic, 90° elbow	A/R
19	----	HOSE, hydraulic, refer to page 32	A/R
20	D3-035-11	PLATE, cylinder mounting, left	1
	D3-035-12	PLATE, cylinder mounting, right	1
21	D6-010-17-1	BOLT, allen, M8x15 (plated)	10
22	D6-043-10	SCREW, phillips head, M4x8	6
23	D3-035-13	COVER, hose, left	1
	D3-035-14	COVER, hose, right	1
24	D6-030-03	PIN, clevis	2
25	D6-031-19	CLEVIS	2
26	D6-030-01	CIRCLIP	2
27	D6-010-34	SCREW, set, M6x6	2
28	D4-035-06-1	CYLINDER ASSEMBLY, leg section, left	1
	D4-035-06-2	CYLINDER ASSEMBLY, leg section, right	1
29	----	•RAM *	1
30	D4-032-44	•O-RING, P-22A	1
31	----	•HEAD CAP *	1
32	D4-010-02	•O-RING, P-14	1
33	----	•PISTON *	1
34	D4-010-54	•O-RING, P-34	3
35	----	•CYLINDER *	1
36	----	•TAIL CAP *	1
37	D6-010-43	•NUT, M10	1
38	D6-010-42	•WASHER, lock, M10	1
39	D4-035-07	•STUD	4
40	D6-010-55	•NUT, M8	4
41	D4-010-01	O-RING, P8	1
42	D4-035-15-2	BLOCK, plumbing, left	1
	D4-035-15-1	BLOCK, plumbing, right	1
43	D6-032-09	BOLT, allen, M5x50	2

*Not available separately



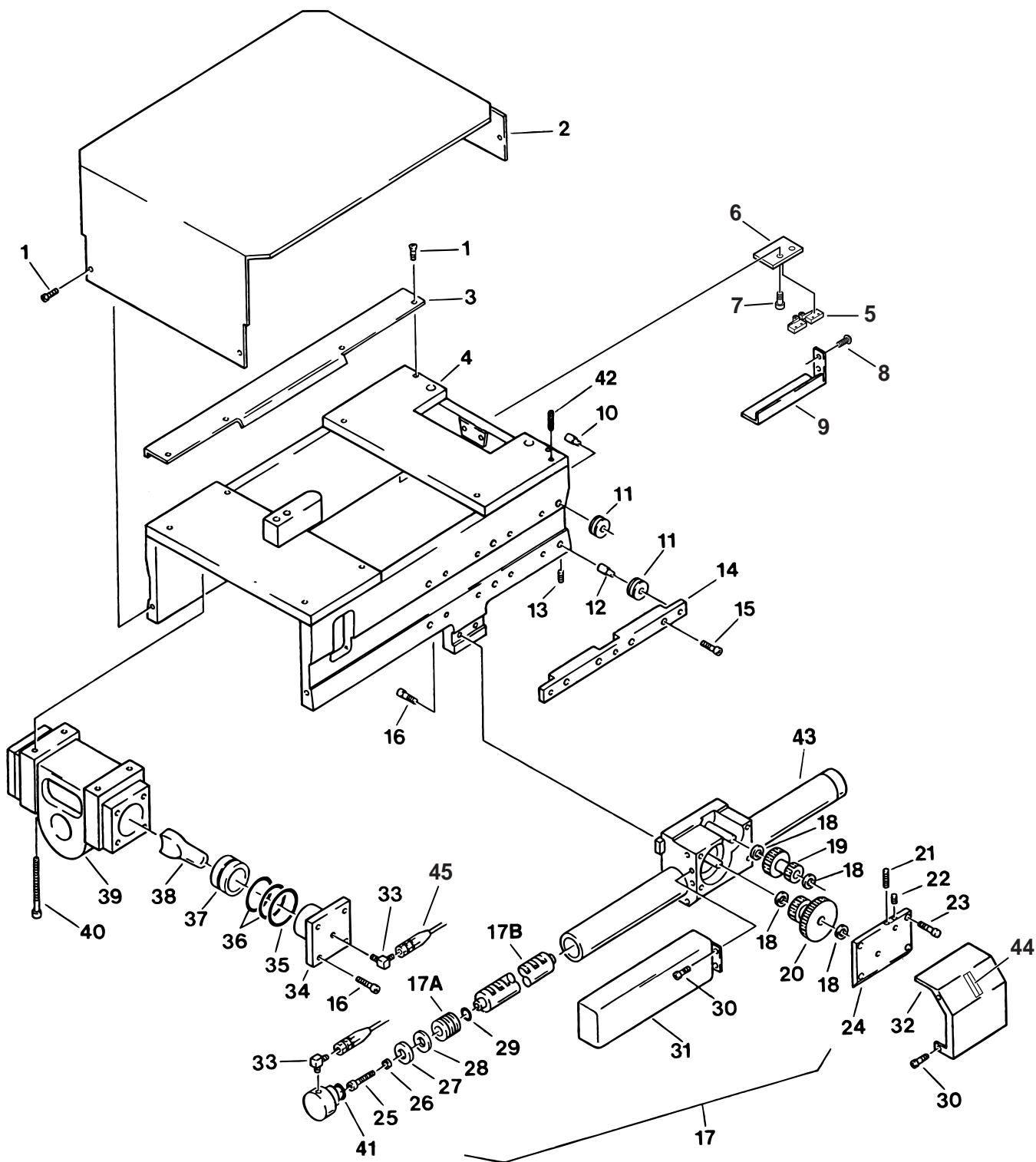
Item	Part No.	Description	Qty.
44	D4-031-06	FITTING, flexible hose	2
45	D6-010-50	SCREW, set, M8x15	2
46	D3-035-15	PLATE, cylinder mounting, left	1
	D3-035-16	PLATE, cylinder mounting, right	1
47	D4-035-09-1	CYLINDER ASSEMBLY, kidney lift, left	1
	D4-035-09-2	CYLINDER ASSEMBLY, kidney lift, right	1
48	D6-035-01	•BOLT, allen, M6x100	4
49	----	•END CAP *	1
50	D4-010-57	•O-RING, P-21	3
51	D4-035-09-4	•PISTON, kidney lift	1
52	D4-035-09-3	•CYLINDER, kidney lift	1
53	D4-010-12	•O-RING, P-24	1
54	----	•HEAD CAP *	1
55	D4-035-10	•PILLOW BLOCK	2
56	D6-010-70	•BOLT, allen, M5x10	4
57	D6-010-34	•SCREW, set, M6x6	2
58	D4-035-11	•GEAR	1
59	D3-035-17	COVER, gear, left	1
	D3-035-18	COVER, gear, right	1
60	D6-035-02	SCREW, set, M5x25	2
61	D6-035-03	SCREW, flathead, phillips, M5x15	6
62	D4-035-12-1	SHAFT	1
63	D4-035-12	GEAR	1
64	D4-035-13-1	SHAFT, with circlip	1
65	D4-035-13	GEAR	1
66	D4-035-14	GEAR	1
67	D4-010-08	O-RING, P-7	A/R
68	D4-010-24	BOLT, plumbing, M6	A/R
69	D3-035-19	BAR, slide	2
70	D6-010-33-1	BOLT, allen, M8x25	8
71	D6-010-28-1	BOLT, allen, M5x6	3
72	D3-035-20	BRACKET, slide bar, left	1
	D3-035-21	BRACKET, slide bar, right	1
73	D3-035-22	ACTUATOR, slide micro-switch	1
74	D3-035-23	BRACKET, micro-switch mounting, left	1
	D3-035-24	BRACKET, micro-switch mounting, right	1
75	D5-032-17	MICRO-SWITCH	2
76	D4-035-08	BLOCK, plumbing, left	1
	D4-035-43	VALVE ASSY, kidney bridge bypass	1
77	D6-010-94	BOLT, allen, M6x35	2
78	D6-035-04	SCREW, button head, phillips, M4x6	2
79	D3-035-25	COVER, micro-switch	1
80	D3-035-26	FRAME, side, left	1
	D3-035-27	FRAME, side, right	1
81	D6-010-37	BOLT, allen, M5x20 (plated)	8
82	D3-035-28	SPACER, nylon	2
83	D3-035-29	ROLLER, support	2
84	D6-035-05	SCREW, set, M6x8	2
85	D3-035-30	AXIS, eccentric cam	2
86	D3-035-31	BRACKET, micro-switch	1

*Not available separately



Item	Part No.	Description	Qty.
87	D3-032-52	SHAFT, kidney lift	2
88	D6-031-24	PIN, roll, M5x12	2
89	D3-032-39-1	PIVOT, kidney lift	2
90	D3-035-42	TOP, kidney lift, S.N.-2001-03 & L	1
	D3-035-32	TOP, kidney lift	1
91	D3-010-42-1	SCREW, round head, M5x10, S.N.-2001-03 & L	4
	D3-010-19	SCREW, kidney lift	4
92	D3-035-33	AXIS, eccentric cam, right side	2
	D3-035-33-1	AXIS, coaxial, left side	2
93	D6-035-06	SCREW, set, M6x25	2
94	D6-035-07	SCREW, flat head, phillips, M4x15	4
95	D3-035-35	BRACKET, micro-switch mounting	1
96	D3-035-36	COVER, micro-switch	1
97	D6-035-18	BOLT, allen, M4x6 (plated)	4

3. SLIDE & LATERAL TILT CYLINDER ASSEMBLIES

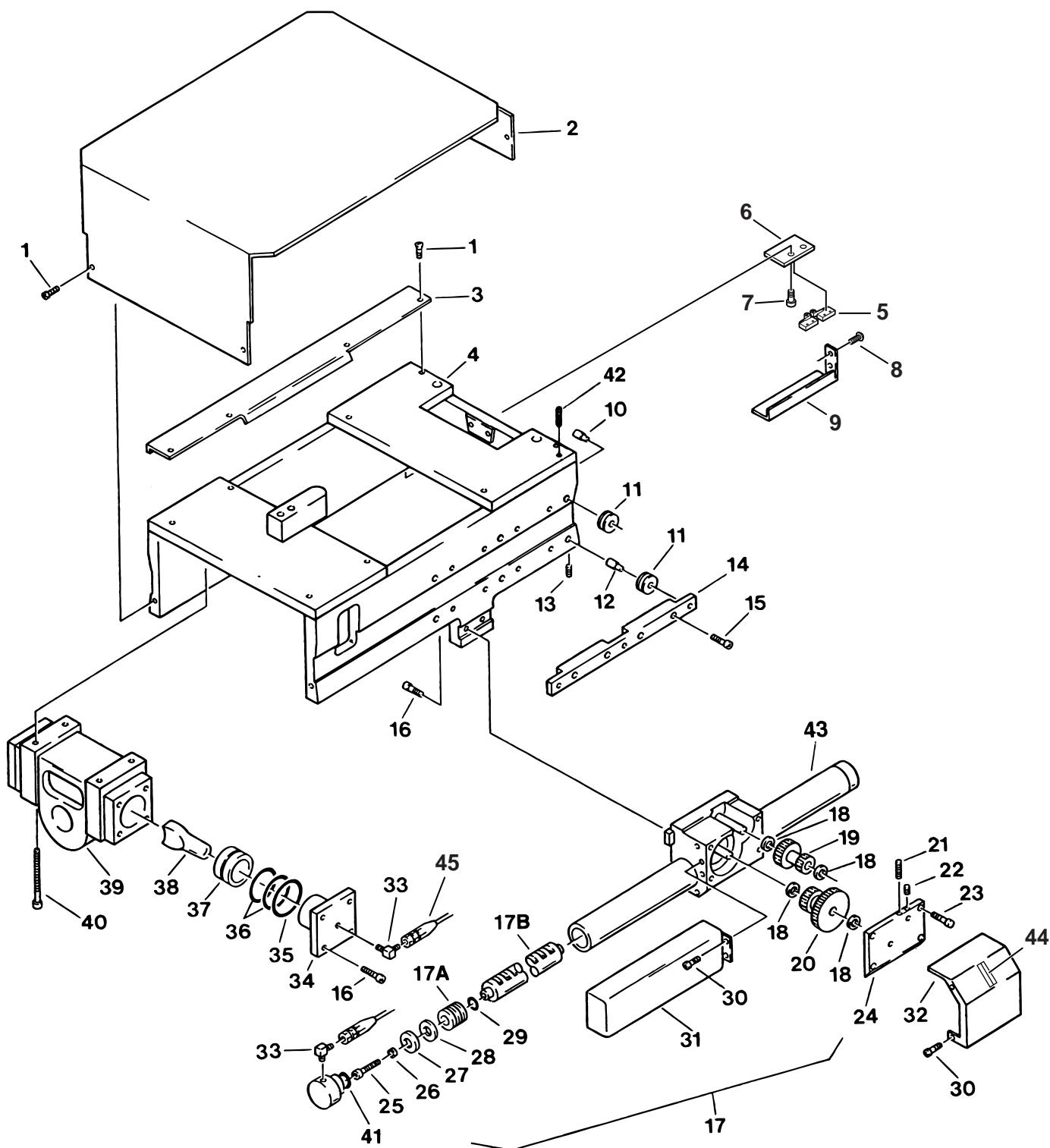


3. SLIDE & LATERAL TILT CYLINDER ASSEMBLIES

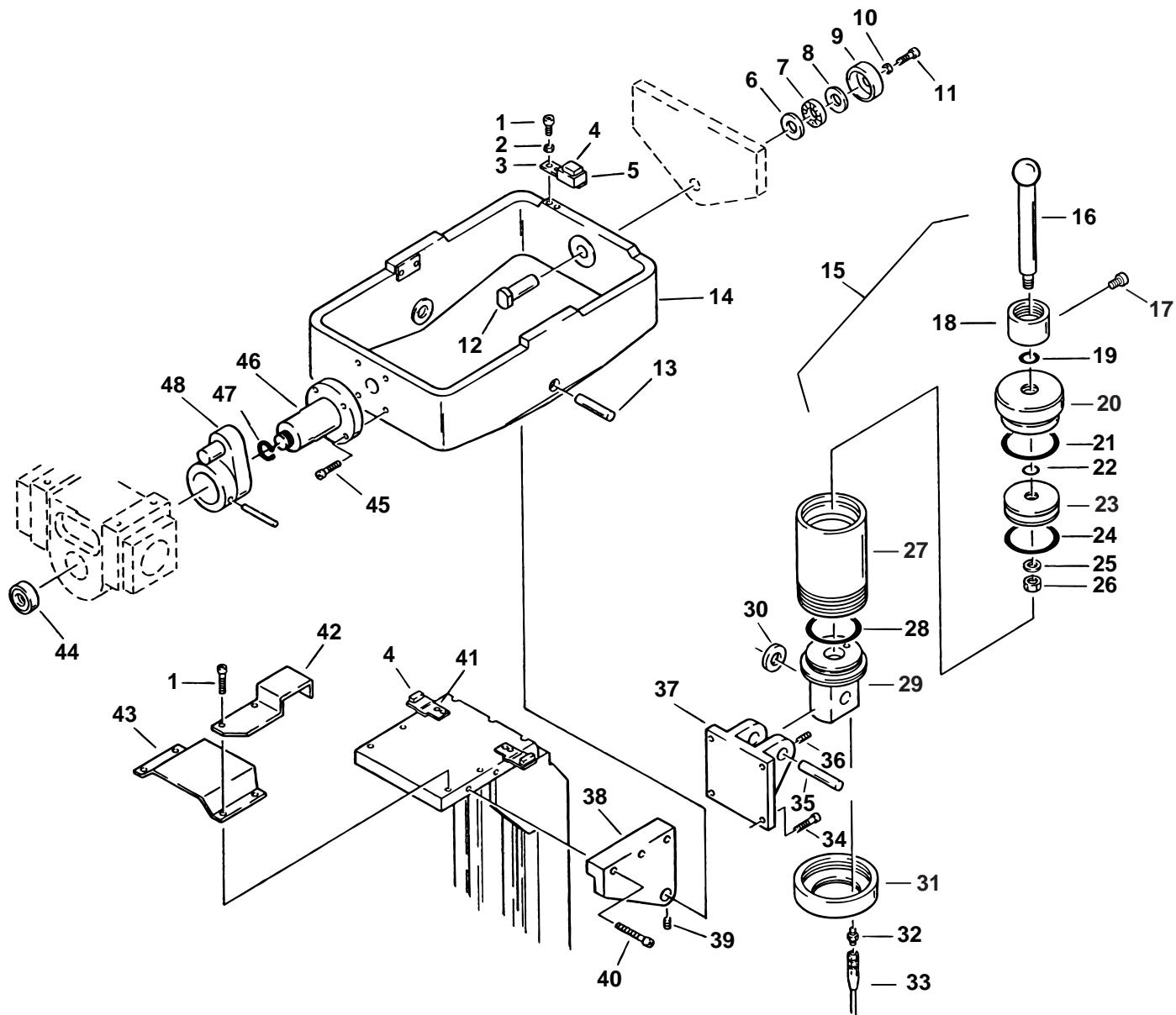
Page 13

Item	Part No.	Description	Qty.
1	D6-035-08	SCREW, flat head, M4x8	12
2	D2-035-01	COVER, hose	1
3	D2-035-02	COVER, lateral tilt frame, left	1
	D2-035-03	COVER, lateral tilt frame, right	1
4	D2-035-04	FRAME, lateral tilt	1
5	D5-032-15	MICRO-SWITCH	2
6	D2-035-05	BRACKET, micro-switch	1
7	D6-060-07	BOLT, allen, M4x8	2
8	D6-035-04	SCREW, button head, M4x8	2
9	D2-035-06	COVER, micro-switch	1
10	D2-035-07	AXIS, slide roller, eccentric cam	6
11	D2-035-08	ROLLER, slide	12
12	D2-035-09	AXIS, slide roller	12
13	D6-010-68	SCREW, set, M8x8	6
14	D2-035-10	RETAINER, slide roller	4
15	D6-010-33-1	BOLT, allen, M8x25 (plated)	16
16	D6-010-17-1	BOLT, allen, M8x15 (plated)	10
17	D4-035-16	CYLINDER ASSEMBLY, slide	1
17A	D4-035-16-4	•PISTON	2
	D4-035-16-1	•PISTON	2
17B	D4-035-16-3	•RAM	1
	D4-035-16-2	•RAM	1
18	D4-035-17	•COLLAR, gear	4
19	D4-035-18	•GEAR	1
20	D4-035-19	•GEAR	1
	D4-035-19-1	•BEARING, gear	1
21	D6-035-02	•SCREW, set, M5x25	1
22	D6-010-75	•SCREW, set, M5x5	1
23	D6-035-03	•SCREW, flathead, M5x15	4
24	D4-035-20	•COVER, gear case	1
25	D6-010-53	•BOLT, allen, M8x20	2
26	D6-010-09	•WASHER, lock, M8	2
27	D4-035-22	•SEAL, piston. SKY-22	2
28	D4-035-21	•SCRAPER, SWA-30	2
29	D4-010-02	•O-RING, P-14	2
30	D6-043-10	SCREW, phillips, M4x8	8
31	D2-035-11	COVER, slide cylinder, head end	1
	D2-035-12	COVER, slide cylinder, foot end	1
32	D2-035-13	COVER, slide cylinder, center	1
33	D4-010-29	FITTING, hydraulic, 90° elbow	A/R
34	D4-035-24	CAP, end	2
35	D4-035-23	O-RING, S-50	2
36	D4-010-44	O-RING, P-44	4
37	D4-035-25	PISTON	2
38	D4-035-26	ROD, connecting	2
39	D4-035-27	HOUSING, lateral tilt cylinder	1
40	D6-031-18	BOLT, allen, M8x90	4
41	D4-010-12	O-RING, P24	2
42	D6-010-04	SCREW, set, M8 x 30	6

3. SLIDE & LATERAL TILT CYLINDER ASSEMBLIES (continued)



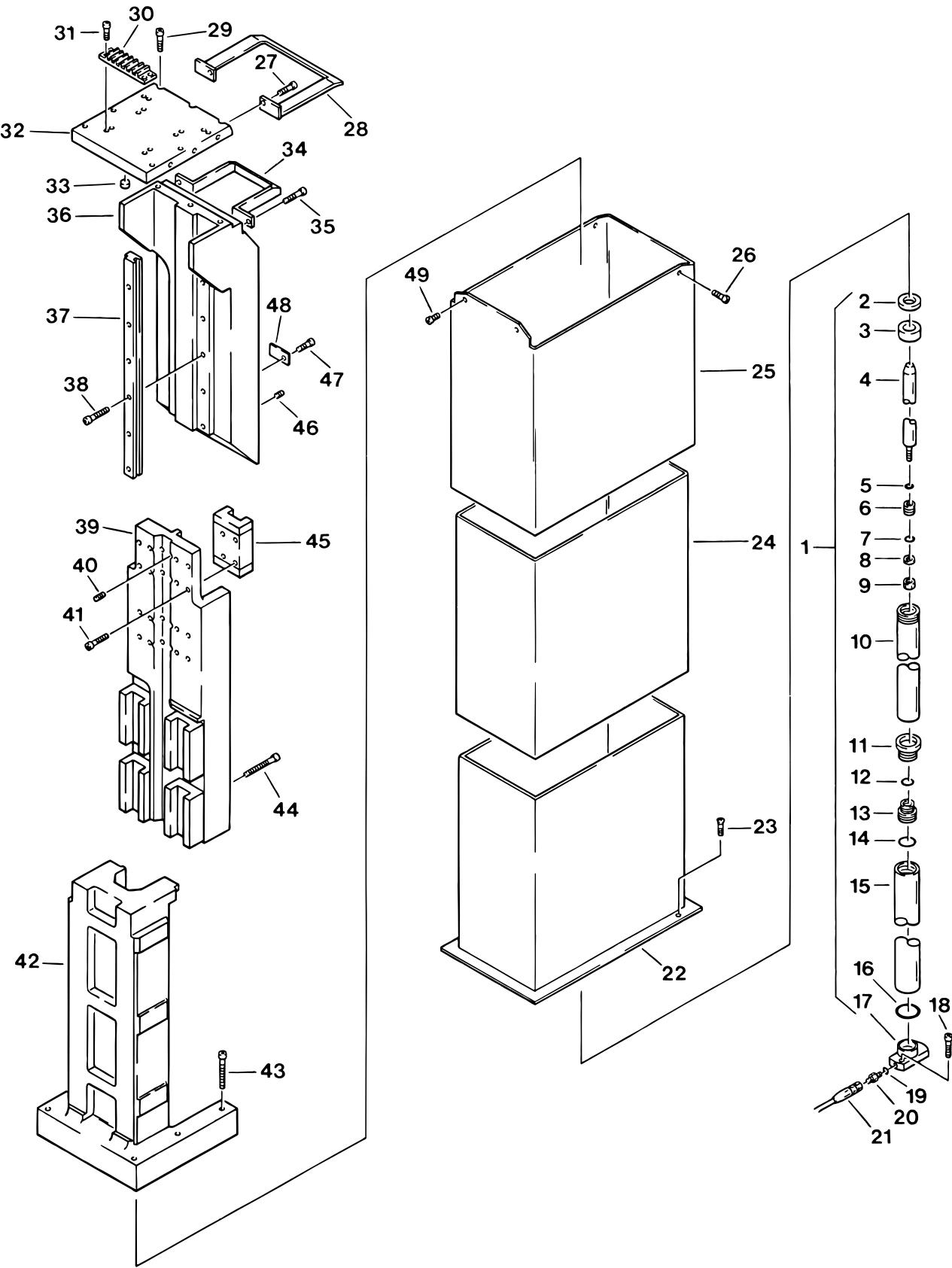
Item	Part No.	Description	Qty.
43	D4-035-44	HOUSING & TUBE, 3500 slide cylinder	1
44	D6-035-30	LABEL, top slide center	1
45	-----	HOSE, hydraulic, refer to page 32	A/R



Item	Part No.	Description	Qty.
1	D6-010-10-3	BOLT, allen, M4x10	4
2	D6-035-19	WASHER, flat, M4	4
3	D2-035-14	BRACKET, micro-switch mounting	2
4	D5-032-16	MICRO-SWITCH	4
5	D2-035-15	BLOCK, micro-switch mounting, left	1
	D2-035-16	BLOCK, micro-switch mounting, right	1
6	D2-035-17	WASHER, bearing	1
7	D2-035-18	BEARING	1
8	D2-035-19	WASHER, bearing	1
9	D2-035-20	COVER, bearing	1
10	D6-010-09	WASHER, lock, M8	1
11	D6-010-53-1	BOLT, allen, M8x20	1
12	D2-035-21	AXIS, lateral-tilt pivot	1
13	D2-035-22	AXIS, Trendelenburg pivot	1
14	D2-035-23	HOUSING, Trendelenburg pivot	1
15	D4-035-28	CYLINDER ASSEMBLY, Trendelenburg	1
16	D4-035-42	•RAM & BALL JOINT ASSEMBLY, Trendelenburg cylinder	1
17	D6-010-28	BOLT, allen, M5x6	1
18	D4-060-36	•RETAINER NUT, ball joint	1
19	D4-060-23	•O-RING, P-20	1
20	----	•HEAD CAP *	1
21	D4-035-29	•O-RING, P-65	1
22	D4-010-56	•O-RING, P-10A	1
23	----	•PISTON *	1
24	D4-010-06	•O-RING, P-60	1
25	D6-010-42	•WASHER, lock, M10	1
26	D6-010-43	•NUT, M10	1
27	----	•CYLINDER *	1
28	D4-010-10	•O-RING, G-65	1
29	----	•TAIL CAP *	1
30	D6-035-20	•SPACER	2
31	----	•NUT, cylinder tail cap *	1
32	D4-031-06	FITTING, flexible hose	A/R
33	----	HOSE, hydraulic, refer to page 32	A/R
34	D6-035-10	BOLT, allen	4
35	D2-035-25	AXIS, Trendelenburg cylinder	1
36	D6-035-09	SCREW, set	2
37	D2-035-24	MOUNT, Trendelenburg cylinder	1
38	D2-035-26	PLATE, Trendelenburg tilt, right	1
	D2-035-27	PLATE, Trendelenburg tilt, left	1
39	D6-010-10-1	SCREW, set, M6x10	2
40	D6-035-11	BOLT, allen, M8x35	6
41	D2-035-28	BRACKET, micro-switch, left	1
	D2-035-29	BRACKET, micro-switch, right	1
42	D2-035-30	COVER, micro-switch, right	1
	D2-035-31	COVER, micro-switch, left	1
43	D2-035-32	COVER, terminal strip	1
44	D2-035-33	BEARING	1
45	D6-010-53	BOLT, allen, M8x20	4
46	D2-035-35-1	PIVOT, lateral tilt, S.N.3500- -117 & L	1
	D2-035-35	PIVOT, lateral tilt, S.N.3500- -116 & P	1
47	D6-035-22	CIRCLIP, S-17	1
48	D2-035-34	LEVER ASSEMBLY, lateral tilt motion	1

*Not available separately

5. SUPPORT COLUMN ASSEMBLY

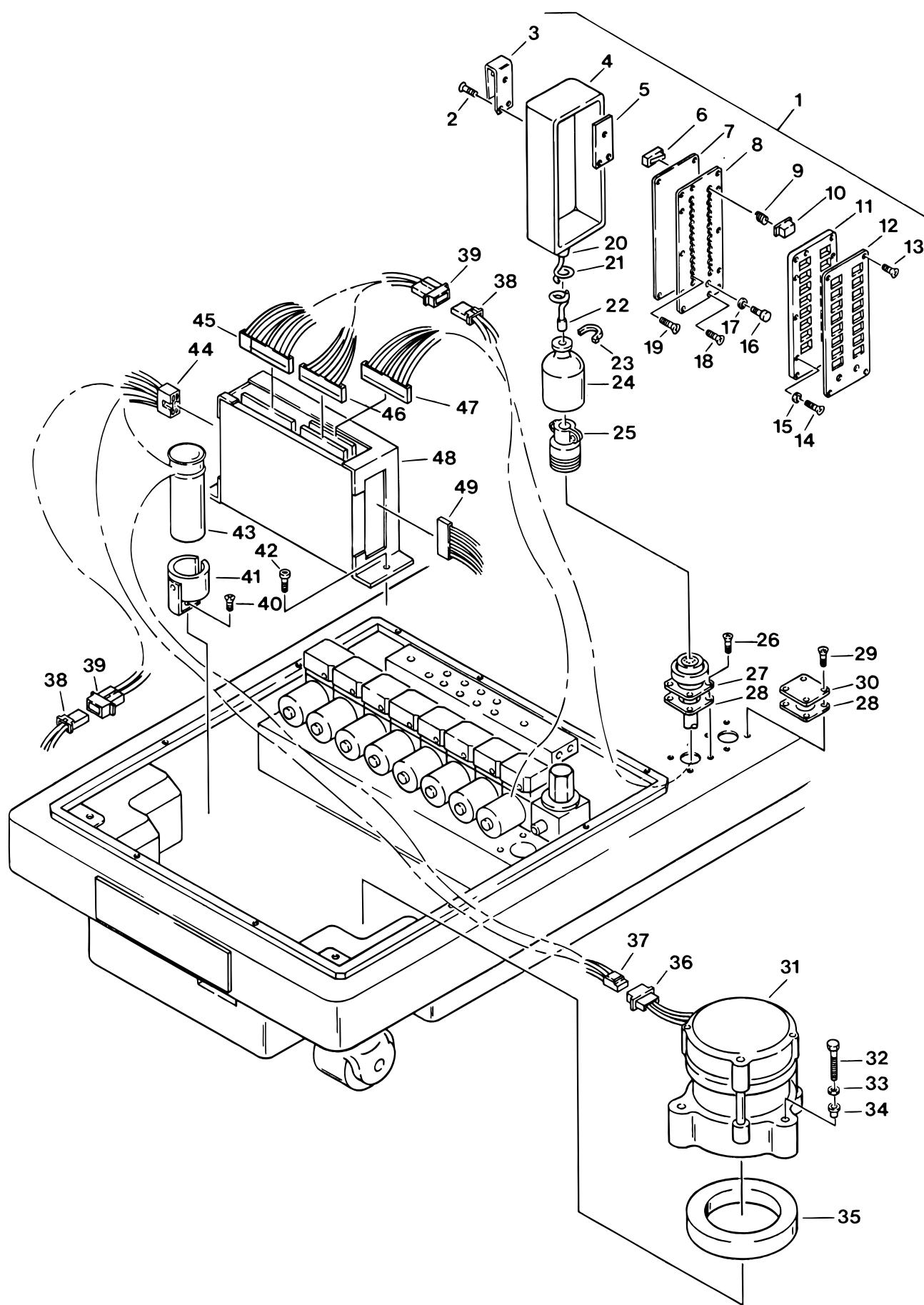


5. SUPPORT COLUMN ASSEMBLY

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Item	Part No.	Description	Qty.
1	D4-035-30	CYLINDER ASSEMBLY, elevation	1
2	D4-032-78	•CUSHION, rubber	1
3	D4-032-70-1	•CAP	1
4	D4-035-31	•ROD, primary piston	1
5	D4-010-56	•O-RING, P-10A	1
6	D4-035-32	•PISTON, primary	1
7	D4-032-44	•O-RING, P-22A	1
8	D6-010-42	•WASHER, lock, M10	1
9	D6-010-56	•NUT, M10	1
10	D4-035-33	•TUBE, secondary piston	1
11	D4-032-75-1	•CAP, elevation tube	1
12	D4-010-12	•O-RING, P-24	1
13	D4-035-34	•PISTON, secondary	1
14	D4-050-01	•O-RING, P-29	1
15	D4-035-35	•TUBE, elevation cylinder	1
16	D4-043-09	•O-RING, P-32	1
17	D4-035-36	•BASE, elevation cylinder	1
18	D6-010-38	BOLT, allen, M6x15	1
19	D4-010-32	PACKING, copper	1
20	D4-010-31	FITTING, flexible hose	1
21		HOSE, hydraulic, refer to page 32	A/R
22	D2-035-36	SHROUD, elevation, lower	1
23	D6-050-31	SCREW, phillips head, M5x15	4
24	D2-035-37	SHROUD, elevation, middle	1
25	D2-035-38	SHROUD, elevation, upper	1
26	D6-035-23	SCREW, button head, M4x6	2
27	D6-010-51	BOLT, allen, M6x10	2
28	D2-035-39	BRACKET, shroud	1
29	D6-010-53	BOLT, allen, M8x20	5
30	D5-035-04	TERMINAL STRIP	2
31	D6-011-20	SCREW, M3x10	8
32	D2-035-40	CAP, slider, upper section	1
33	D2-035-41	CUSHION, rubber dropping	A/R
34	D2-035-42	BRACKET	1
35	D6-035-13	BOLT, allen	2
36	D2-035-43	SLIDER, upper section	1
37	D2-035-44	GUIDE, slider bearing	4
38	D6-035-14	BOLT, allen	A/R
39	D2-035-45	SLIDER, center section	1
40	D6-035-15	SCREW, set	16
41	D6-010-30	BOLT, allen, M6x20	16
42	D2-035-46	SLIDER, bottom section	1
43	D6-035-16	BOLT, allen, M12x40	6
44	D6-010-48	BOLT, allen, M6x50	16
45	D2-035-47	BEARING, slide	8
46	D6-035-17	SCREW, set	1
47	D6-010-73	BOLT, allen, M6x12	1
48	D2-035-48	GUIDE, hose	1
49	D6-035-21	BOLT, hex head, M6x6	2

6. ELECTRICAL COMPONENTS

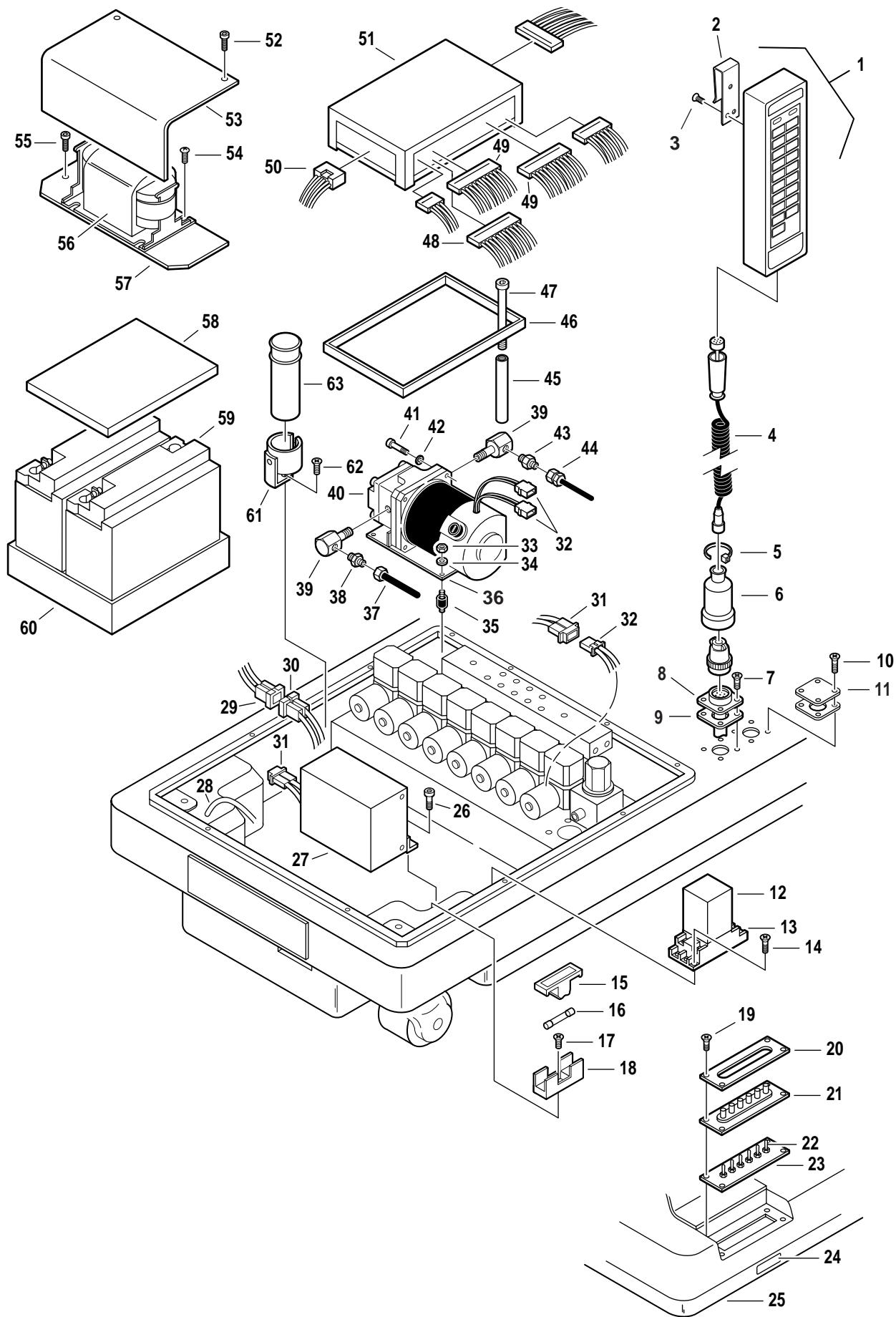


6. ELECTRICAL COMPONENTS

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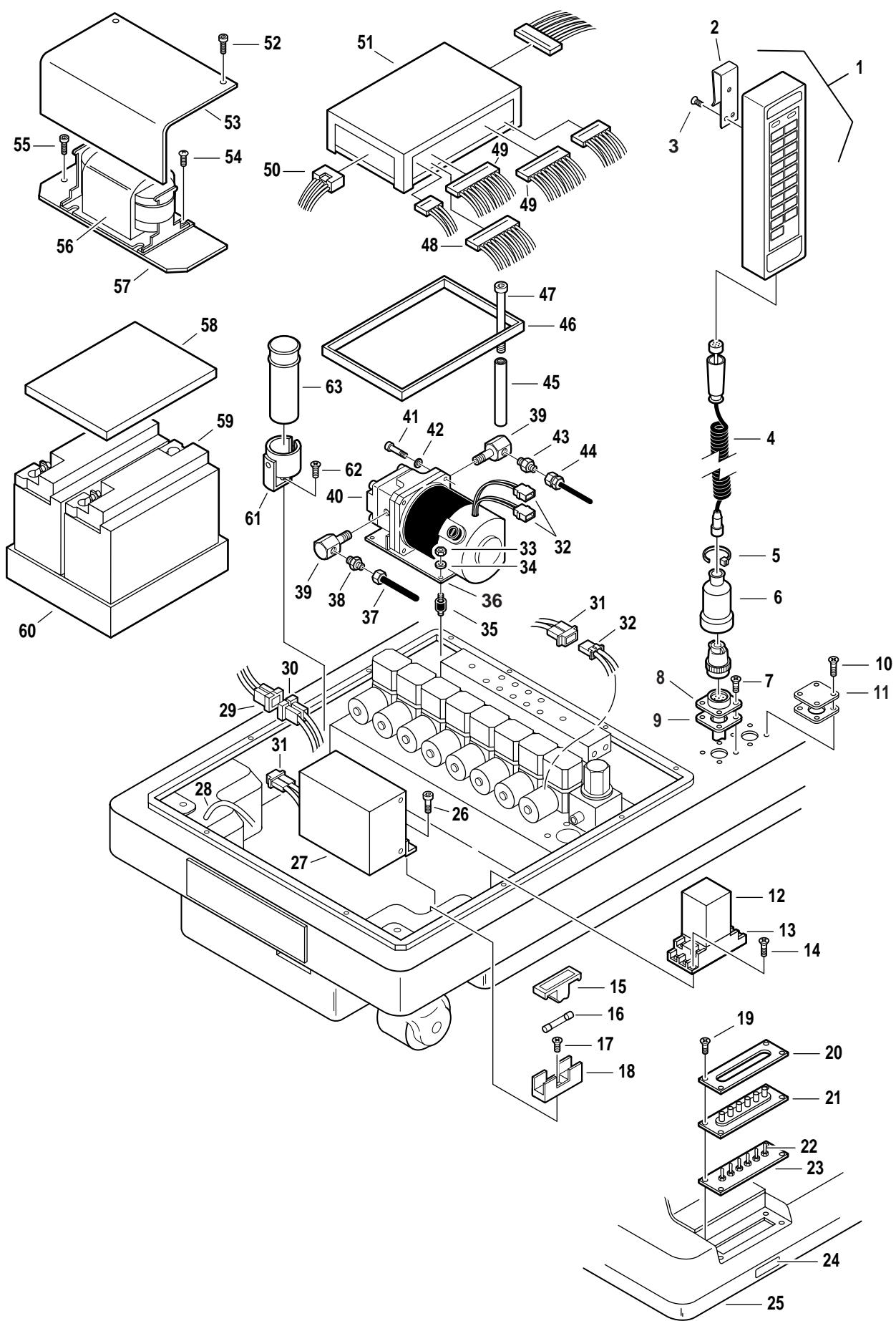
Item	Part No.	Description	Qty.
1	D5-035-02	PENDANT CONTROL ASSEMBLY	1
2	D6-032-33	•SCREW, pendant hook, M4x12	3
3	D5-031-14	•HOOK, pendant	1
4	D5-031-22	•COVER, rubber	1
	D5-031-22-1	•COVER, rubber ("S" stamped on bottom)	1
5	D5-031-34	•INSERT, pendant hook	1
6	D5-030-23	•MICRO-SWITCH	A/R
7	D5-032-48	•GASKET, micro-switch plate	1
8	D5-032-01	•PLATE, micro-switch mounting	1
9	D5-031-07	•SPRING, pendant button	A/R
10		•BUTTON, pendant (specify function & S.N.)	A/R
11	D5-032-02	•HOLDER, plastic button	1
12	D5-035-03	•FACE PLATE, pendant control	1
13	D6-010-80-1	•SCREW, phillips hd., M3x6	4
14	D6-010-10-9	•SCREW, phillips hd., M3x15	6
15	D5-030-42	•WASHER, special	6
16	D5-030-43	•INDICATOR LIGHT, green	1
	D5-030-43-1	•INDICATOR LIGHT, amber	1
17	D5-030-48	•CHROME RING, indicator light	2
18	D6-032-15	•SCREW, M3x10	2
19	D6-010-109	•SCREW, M3x16	6
20	D5-031-38-1	•STRAIN RELIEF, pendant end	1
21	D5-031-38	•CORD, pendant control	1
22	D5-031-38-2	•STRAIN RELIEF, connector end	1
23	D6-010-24	•TIE, cable	1
24	D5-030-18	•COVER, cannon connector	1
25	D5-035-07	•CONNECTOR, cannon (male 24 pin) (black)	1
26	D6-032-32	SCREW, phillips hd., M3x8 (plated)	4
27	D5-035-08	CONNECTOR, cannon (female 24 pin) (black)	1
28	D5-030-46	GASKET, connector	2
29	D6-032-10	SCREW, M3x20	4
30	D5-032-21-BT	COVER, auxiliary base connector	1
31	D4-030-05	PUMP/MOTOR ASSEMBLY	1
32	D6-011-19	BOLT, allen, M5x75	3
33	D6-032-03	WASHER, special, M5	3
34	D6-032-04	INSULATOR	3
35	D1-030-14	PAD, insulating, motor	1
36	D5-030-04	CONNECTOR, 3-pin, male	1
37	D5-030-05	CONNECTOR, 3-pin, female	1
38	D5-030-03	CONNECTOR, 2-pin, female	19
39	D5-030-02	CONNECTOR, 2-pin, male	19
40	D6-010-19	SCREW, phillips hd., M5x10	1
41	D1-031-19	BRACKET, capacitor	1
42	D6-010-70	BOLT, allen, M5x10	2
43	D5-030-29	CAPACITOR, motor starting	1
44	D5-032-14	CONNECTOR, 5-pin, female	1
45	D5-035-06	CONNECTOR, 8 pin, female	1
46	D5-032-28	CONNECTOR, 16-pin, female	2
47	D5-032-26	CONNECTOR, 26-pin, female	1
48	D5-035-09	RELAY BOX, (w/slide center) S.N. 3500-1998-10-387 & L	1
	D5-035-05	RELAY BOX, S.N. 3500-1998-9-386 & P	1
49	D5-032-27	CONNECTOR, 15-pin, female	1
	D5-035-10	WIRE HARNESS, riser cord, relay box CN2, to terminal strip	1

7. ELECTRICAL COMPONENTS, BATTERY MODEL



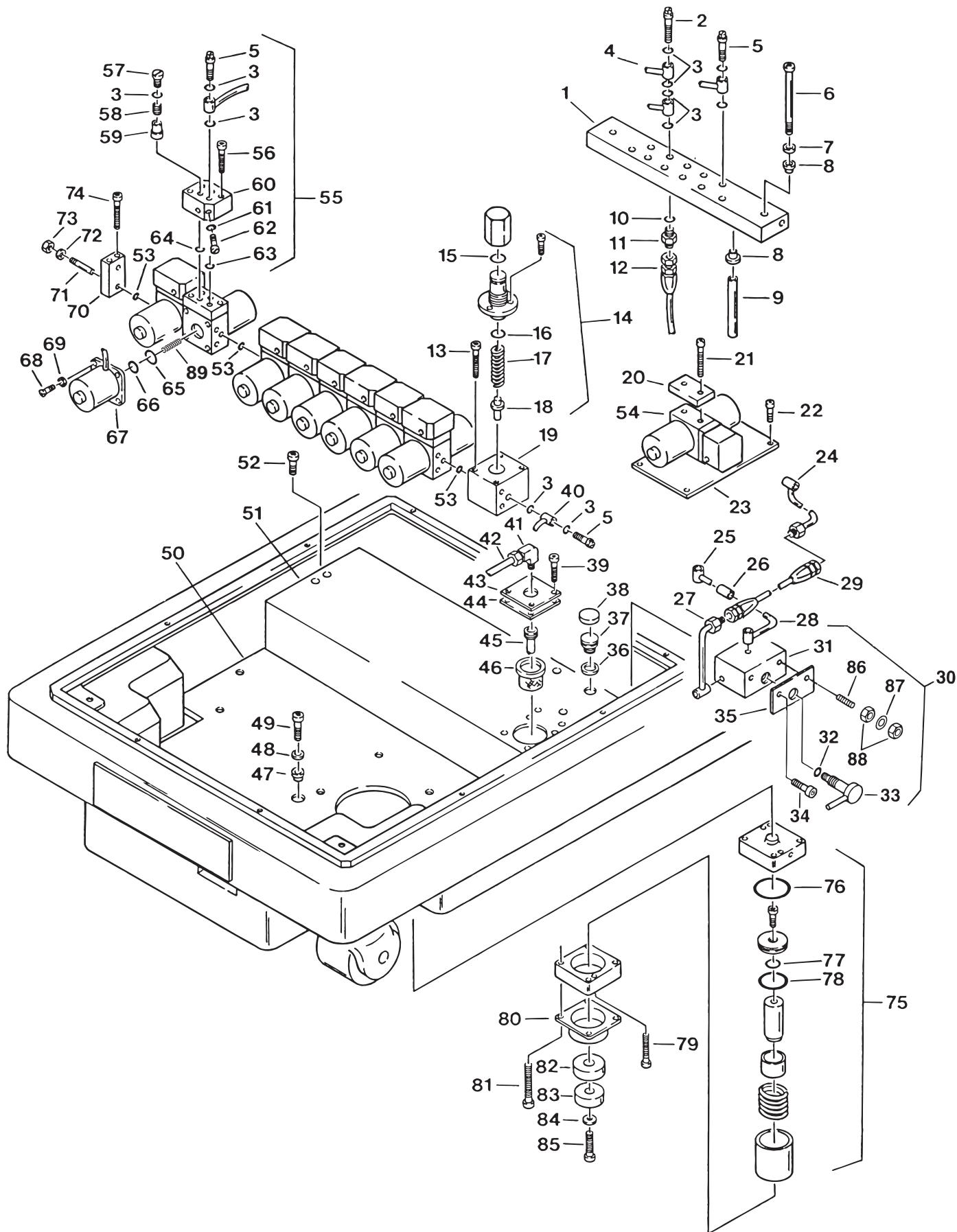
Item	Part No.	Description	Qty.
1	D5-035-11	PENDANT CONTROL ASSY	1
2	D5-031-14	•HOOK, pendant	1
3	D5-031-14-1	•SCREW, pendant hook	3
4	D5-035-12	•CORD ASSY, pendant control	1
5	D6-010-24	•TIE, cable	1
6	D5-030-18	•COVER, cannon connector	1
7	D6-032-32	SCREW, phillips hd., M3x8 (plated)	4
8	D5-035-14	CONNECTOR	1
9	D5-035-14-1	GASKET	1
10	D6-032-10	SCREW, M3x20	4
11	D5-035-14-BT	COVER	1
12	D5-032-51	RELAY, switch over	1
13	D5-032-56	TERMINAL STAND, relay	1
14	D6-031-45	SCREW, phillips hd., M4x15	2
15	D5-031-48	COVER, fuse holder	1
16	D5-032-42	FUSE, 15amp	1
17	D6-050-37	SCREW, phillips hd., M4x8	1
18	D5-031-49	FUSE HOLDER	1
19	D6-032-31	SCREW, phillips hd., M4x8	4
20	D5-032-68	FACE PLATE, 7 switch	1
21	D5-032-69	COVER, switch assembly	1
22	D5-031-43	SWITCH, toggle, 2 position	A/R
	D5-031-44	SWITCH, toggle, 1 position	A/R
23	D5-032-67	PLATE, switch mounting	1
24	D1-032-26	MAGNET, switch cover retaining	1
	D6-031-40	HOLDER, magnet	1
	D6-031-41	MAGNET, cover door	1
25	D1-032-08	COVER, service access	1
26	D6-010-70	BOLT, allen, M5x10	2
27	D5-032-57	CHARGER, battery	1
	D5-031-50	•TRANSFORMER	1
28	D5-032-72	WIRE, grounding	1
29	D5-032-60	CONNECTOR, 6-pin, female	1
30	D5-032-59	CONNECTOR, 6-pin, male	1
31	D5-030-02	CONNECTOR, 2-pin, male	A/R
32	D5-030-03	CONNECTOR, 2-pin, female	A/R
33	D6-010-76	NUT, M5	4
34	D6-010-77	WASHER, lock, M5	4
35	D4-031-65	ISOLATION MOUNT, motor	4
36	D1-032-25	PLATE, motor mounting	1
37	D4-032-66	TUBE, suction	1
38	D4-032-67	FITTING	1
39	D5-034-33	FITTING	2
	D4-032-62	90° ELBOW	1
	D4-032-68	90° ELBOW	1
40	D4-034-32	PUMP/MOTOR ASSEMBLY	1
41	D6-032-22	BOLT, allen	2
42	D6-060-16	WASHER, lock, M4	4
43	D4-032-63	FITTING	1

7. ELECTRICAL COMPONENTS, BATTERY MODEL (continued)



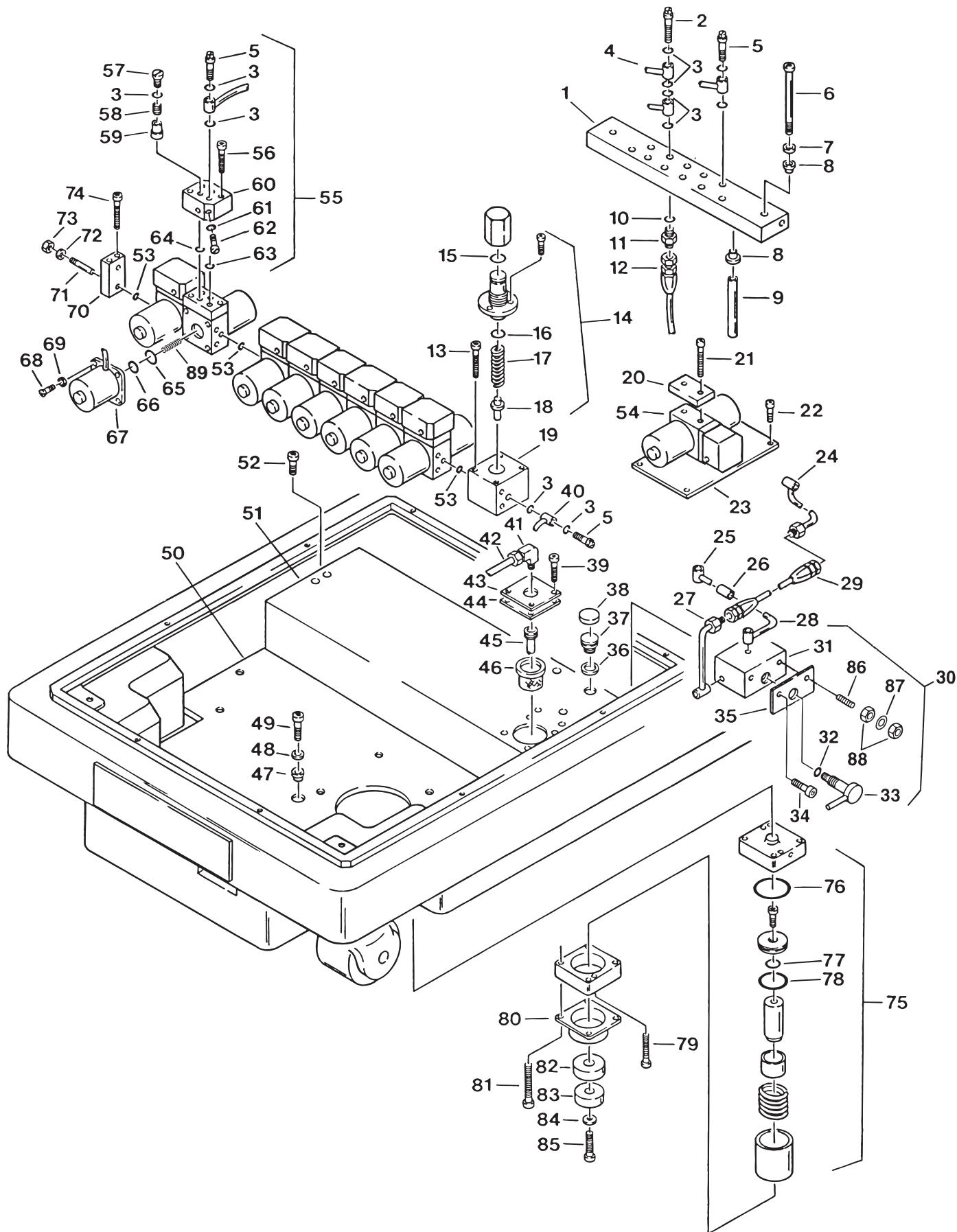
Item	Part No.	Description	Qty.
44	D4-032-64	HOSE, flexible, pump return.....	1
45	D1-032-22	STAND-OFF	2
46	D1-032-23	TRAY, relay box	1
47	D6-032-21	BOLT, allen, M5x105.....	2
48	D5-035-16	WIRE HARNESS, r iser cord	1
49		CONNECTOR, 16-pin, female	2
50	D5-032-64	CONNECTOR, 7-pin, female	1
51	D5-035-13	RELAY BOX	1
52	D6-050-36	BOLT, allen, M5x8.....	2
53	D1-032-16	COVER, transformer	1
54	D6-032-17	SCREW, phillips hd.,	2
55	D6-032-18	BOLT, allen	2
56	D5-032-58	TRANSFORMER, battery charger	1
57	D1-032-17	PLATE, transformer mounting	1
58	D1-032-21	COVER, battery	1
	D5-031-47	HOLDING FRAME, battery	1
59	D5-032-43	BATTERY, 12V	2
60	D1-032-20	TRAY, battery	1
61	D1-031-19	BRACKET, capacitor	1
62	D6-010-19	SCREW, phillips hd., M5x10	1
63	D5-032-65	CAPACITOR, charging box	1

8. HYDRAULIC VALVES & FITTINGS



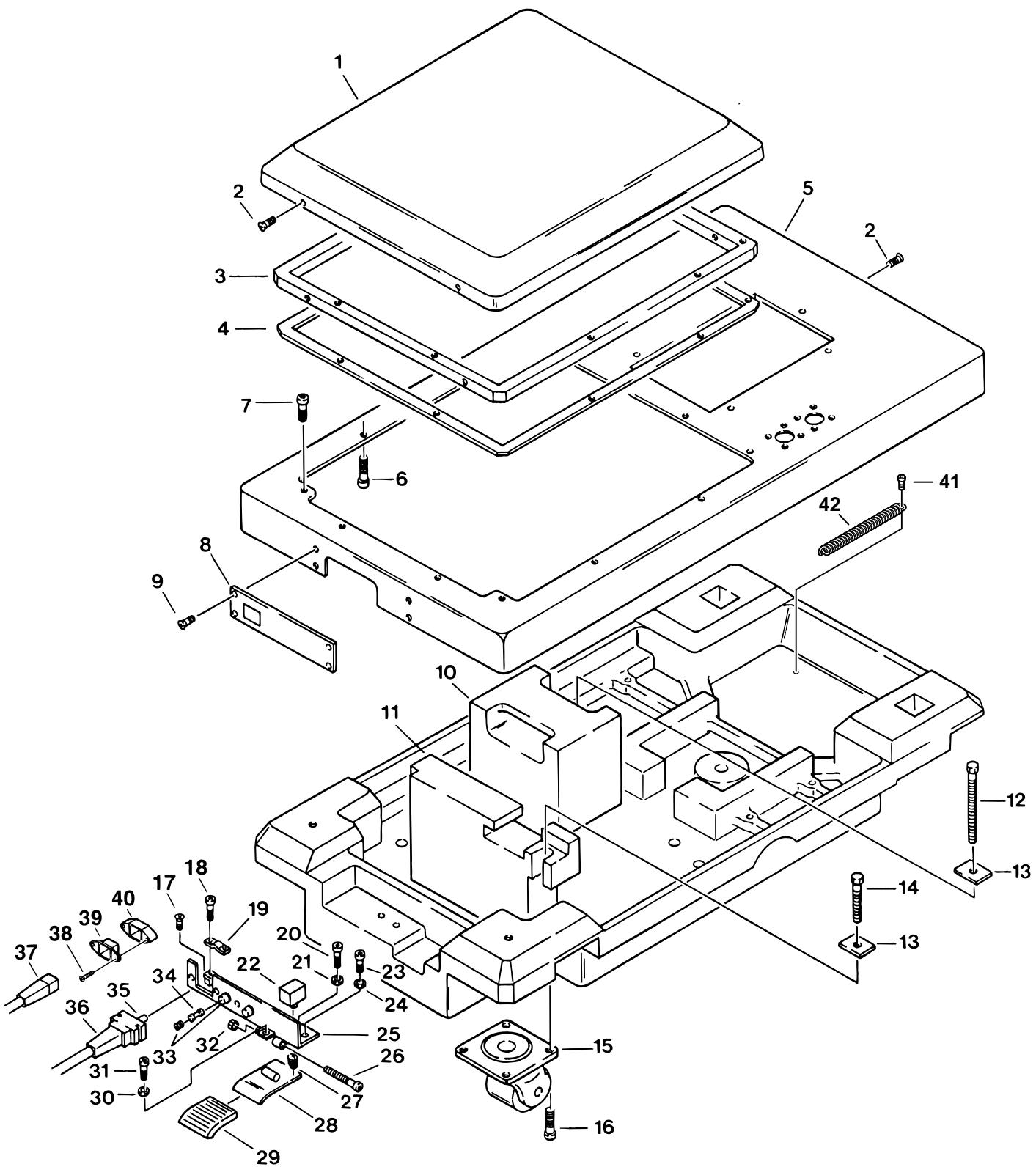
Item	Part No.	Description	Qty.
1	D4-035-01	TERMINAL, plumbing	1
2	D4-010-26	BOLT, plumbing, M6 (long)	A/R
3	D4-010-08	O-RING, P-7	A/R
4		OIL LINE, specify function.....	A/R
5	D4-010-24	BOLT, plumbing, M6	A/R
6	D6-032-13	BOLT, allen, M6x140	2
7	D6-010-85	WASHER, flat, M6	2
8	D6-031-16	BUSHING, isolation	4
9	D4-032-81	STAND-OFF	2
10	D4-010-32	PACKING, copper	A/R
11	D4-010-31	FITTING, flexible hose	A/R
12		HOSE, hydraulic, refer to page 32	A/R
13	D6-010-47	BOLT, allen, M5x45	4
14	D4-031-23	PRESSURE RELIEF VALVE ASSEMBLY	1
15	D4-031-67	•O-RING, P-10	1
16	D4-010-51	•O-RING, P-16	1
17	D4-031-12	•SPRING	1
18	D4-031-23-1	•VALVE, relief, 5mm dia., (steel)	1
	D4-031-23-4	•VALVE, 2-part pressure relief, new style	1
19	D4-031-23-2	•HOUSING, relief valve (5mm dia. valve)	1
20	D4-035-02	BLOCK, mini-valve mounting	1
21	D6-010-99	BOLT, allen, M5x60	2
22	D6-010-73	BOLT, allen, M6x12	3
23	D4-035-03	PLATE, mounting	1
24	D4-032-47	OIL LINE	1
25	D4-032-52	OIL LINE	1
26	D4-032-51	FLEXIBLE TUBE	1
27	D4-032-49	OIL LINE	1
28	D4-032-50	OIL LINE	1
29	D4-032-48	FLEXIBLE HOSE	1
30	D4-035-40	EMERGENCY BRAKE RELEASE VALVE ASSEMBLY	1
31	D4-035-41	•BLOCK, emergency brake release	1
32	D4-010-52	•O-RING, P-4	1
33	D4-032-25	•HANDLE, emergency brake release	1
34	D6-010-30	BOLT, allen, M6x20	A/R
35	D4-032-46	SPACER	1
36	D4-010-37	GASKET, oil filler	1
37	D4-010-38	FITTING, oil filler	1
38	D4-010-39	CAP, oil filler	1
39	D6-010-67	BOLT, allen, M5x15	4
40	D4-032-58	OIL LINE, pump outlet	1
41	D4-030-12	FITTING, hydraulic motor/oil tank 90°	2
42	D4-030-03	OIL LINE, supply	1
43	D4-031-14	COVER, oil tank	1
44	D4-031-13	GASKET, oil tank cover	1
45	D4-030-19	TUBE, induction	1
46	D4-031-11	STRAINER, oil	1
47	D1-031-12	BUSHING, isolation	6
48	D6-031-15	WASHER	3
49	D6-010-30	BOLT, allen, M6x20	3

8. HYDRAULIC VALVES & FITTINGS (continued)



Item	Part No.	Description	Qty.
50	D4-032-56	PLATE, oil tank receiving	1
51	D4-032-55	RESERVOIR, oil tank	1
52	D6-010-51	BOLT, allen, M6x10	2
53	D4-010-52	O-RING, P-4	A/R
54	D4-031-21	ELECTRO/MINI-VALVE ASSEMBLY (3-way), 120VAC, (elevation)	A/R
	D4-032-92	ELECTRO/MINI-VALVE ASSEMBLY (3-way), 120VAC, (brake)	A/R
	D4-032-59	ELECTRO/MINI-VALVE ASSEMBLY (3-way), 24VDC, (elevation)	A/R
	D4-032-93	ELECTRO/MINI-VALVE ASSEMBLY (3-way), 24VDC, (brake)	A/R
55	D4-030-02	ELECTRO/MINI-VALVE ASSEMBLY (4-way), 120VAC	A/R
	D4-032-60	ELECTRO/MINI-VALVE ASSEMBLY (4-way), 24VDC	A/R
56	D6-010-65	•BOLT, allen, M5x35	2
57	D4-010-41	•PLUG, cap	2
58	D4-010-42	•SPRING, return	2
59	D4-010-25	•VALVE, non-return	2
60	D4-010-43	•VALVE BLOCK, 4-way	6
	D4-020-23	•VALVE BLOCK, 3-way	2
61	D4-010-20	•O-RING, P-3	2
62	D4-010-44	•VALVE, needle, speed control	2
63	D4-010-19	•O-RING, P-6	2
64	D4-010-01	•O-RING, P-8	2
65	D4-010-51	•O-RING, P-16	2
66	D4-010-14	•O-RING, P-12	2
67	D5-030-34	•SOLENOID, 120VAC	2
	D5-030-35	•SOLENOID, 24VDC	2
68	D6-010-79	•SCREW, phillips hd., M3x5	8
69	D6-010-78	•WASHER, lock, M3	8
NS	D4-035-46	•SPRING	2
70	D4-010-40	CAP, end	1
71	D6-032-14	STUD, M5x345	2
72	D6-010-77	WASHER, lock, M5	4
73	D6-010-76	NUT, M5	4
74	D6-010-64	BOLT, allen, M5x40	2
75	D4-035-47	CYLINDER ASSEMBLY, brake, single action, S.N.3500- - 067 & L	4
	D4-031-60	CYLINDER ASSEMBLY, brake, single action, S.N.3500- - 066 & P	4
	D6-031-50	BRAKE CYLINDER REBUILD KIT (for D4-031-60 cylinder only)	A/R
76	D4-031-47	•O-RING, G-35	1
77	D4-010-02	•O-RING, P-14	1
78	D4-031-66	•SCRAPER, piston	1
79	D6-031-25	•BOLT, allen, M5x65	2
80	D4-032-61	COVER, ram	4
81	D6-031-20	BOLT, allen, M6x85, S.N.3500- - 067 & L	16
	D6-031-26	BOLT, allen, M6x95, S.N.3500- - 066 & P	16
82	D4-031-95-1	SEAT, brake rubber	4
83	D4-031-96	PAD, brake, self-leveling, hard	2
	D4-031-97	PAD, brake, self-leveling, soft	2
84	D6-010-36	WASHER	4
85	D6-010-30	BOLT, allen, M6x20	4
86	D6-032-41	SCREW, set	1
87	D6-010-40	WASHER, M6	1
88	D6-010-41	NUT, M6	2
89	D4-035-46	SPRING, spool valve	1

9. BASE & POWER SWITCH



Item	Part No.	Description	Qty.
1	D1-031-36	COVER, service access, S.N.3500-1995-9-067 & L	1
	D1-032-07	COVER, service access, S.N.3500-1995-9-066 & P	1
2	D6-050-37	SCREW, phillips hd., M4x8	4
3	D1-031-37	FRAME, S.N.3500-1995-9-067 & L	1
	D1-032-09	FRAME, S.N.3500-1995-9-066 & P	1
4	D1-032-10	GASKET	1
5	D1-035-01	HOUSING, base, standard model	1
	D1-035-01-B	HOUSING, base, battery model	1
6	D6-010-67	BOLT, allen, M5x15	10
7	D6-010-51	BOLT, allen, M6x10	2
8	D1-032-12	PLATE, fuse cover	1
9	D6-032-08	SCREW, M4x6, black	4
10	D1-070-02	BALANCE WEIGHT	1
11	D1-032-27	BALANCE WEIGHT	1
12	D6-070-18	BOLT, allen M8x115	1
13	D6-070-17	RETAINER, balance weight	2
14	D6-010-97	BOLT, allen, M8x50	1
15	D1-010-30	CASTER, 105HB-P	4
16	D6-010-96	BOLT, allen M10x20	16
17	D6-010-16	SCREW, phillips hd., M5x6	1
18	D6-032-06	BOLT, allen, M4x20	2
19	D5-032-37	RETAINER, power cord	1
20	D6-010-30	BOLT, allen, M6x20	2
21	D6-010-41	NUT, M6	2
22	D5-030-19	SWITCH, main power	1
23	D6-010-51	BOLT, allen, M6x10	3
24	D6-010-40	WASHER, lock, M6	3
25	D5-032-52-3	BRACKET, on/off switch	1
26	D6-032-09	BOLT, allen, M5x50	1
27	D6-032-12	SPRING (#89)	1
28	D5-032-53-1	SWITCH PEDAL, on/off switch	1
29	D5-032-54	COVER, switch pedal	1
30	D6-010-59	NUT, M4	1
31	D6-032-06	BOLT, allen, M4x20	1
32	D6-010-76	NUT, M5	1
33	D5-032-74	FUSE HOLDER, 250v -15A (9/97 & L)	1
	D1-030-15	FUSE HOLDER (8/97 & P)	2
34	D5-032-41	FUSE, 10A	2
35	D5-032-34	POWER CORD ASSEMBLY	1
36	D5-032-35	STRAIN RELIEF	1
37	D5-031-08	POWER CORD ASSEMBLY, battery model	1
38	D6-032-10	SCREW, M3x20	2
39	D5-031-54-1	CONNECTOR, power cord, battery model	1
40	D5-031-54-2	SPACER, power cord connector, battery model	1
41	D6-010-51	BOLT, allen, M6x10	1
42	D6-065-28	SPRING	1

6-050-02	GAUGE, oil pressure	A/R
D6-010-89	GREASE, slider	2.8 oz
D6-010-90	OIL, hydraulic	Qt
D6-031-50	BRAKE CYLINDER REBUILD KIT	A/R
D4-010-00	O-RING KIT	A/R

HOSE DIAGRAM

